

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 E03D9/04 E03D9/05

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 E03D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 08, 6 August 2003 (2003-08-06) & JP 2003 096874 A (MARUHARA TAKESHI; SATO TSUTOMU), 3 April 2003 (2003-04-03) abstract	1, 4, 15, 17
Y		2, 3, 5, 11, 12, 14
A		5
X	BE 1 008 248 A (SCIRE SCAPPUZZO MARIO) 27 February 1996 (1996-02-27) page 3, line 41 - line 53; figure 2	1, 15
Y	DE 200 08 281 U (GISTL EGMONT) 8 March 2001 (2001-03-08)	2, 11, 12
A	the whole document	4, 17
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

5 July 2004

Date of mailing of the international search report

12/07/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	WO 00/77312 A (SAGARESE ROCCO) 21 December 2000 (2000-12-21)	3,14
A	page 5, line 9-23; figure 3 ---	1,4,11
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A	page 1, line 36 -page 2, line 5; figure 1 ---	1
A	WO 01/86080 A (SALVAGNO LUCA ;CANTERI RENATO (IT)) 15 November 2001 (2001-11-15) the whole document ---	1,2,14
A	US 2002/148035 A1 (KANG TAE C) 17 October 2002 (2002-10-17) the whole document ---	1,15,16
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